

# Alexey Prudnikov

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## Personal Information

Date of Birth 16.02.1984 (age 29)  
Location Moscow, Russia

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## Education

2007–2010 **Postgraduate**, *National Research Nuclear University «MEPhI»*.  
«**Applied Mathematics and Computer Science**»  
2001–2007 **Graduate**, *Moscow Engineering Physics Institute (MEPhI)*.  
**Degree in «Applied Mathematics and Computer Science»**

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## Work Experience

- 09.2008–present **Software Developer, Team Lead, System Architect**, *«Open Information Technologies», Ltd.*, Moscow, Russia.  
Information technologies: software development and integration  
Responsibilities:
- Design and development «Social Insurance» information system, which is used by Fund of Social Insurance (FSI) — big government structure of Russian Federation, as system architect and co-project manager.
  - Design, development and highload optimization of FSI internet portal as system architect of full-text search and lead OLAP-developer.
  - Design, development and highload optimization FSI web-service for digital financial statements submission as system architect.
  - Design and development framework, which is used for interaction between SAP ERP and converter of financial reports from Russian national standards to IFRS and GAAP, as lead developer.
  - Design and development electronic payment processing system as system architect.
- 09.2007–07.2013 **Research/Teaching Associate**, *National Research Nuclear University «MEPhI», «Information Systems and Technologies» department*, Moscow, Russia.  
Science and education  
Responsibilities:
- Teaching experience:
    - «Algorithms and Data Structures» (lections and labs);
    - «Programming Languages and Compilers» (lections and labs);
    - «Optimization Methods» (lections and labs);
    - «Numerical Computing» (labs);
    - «Game Theory and Operation Research» (lections).
  - Supervising course work and assignments of undergraduate students.
  - Participation in department's research work.
  - Create and deliver tutorial and lab session material for undergraduate students.
- 10.2005–09.2008 **Software Developer**, *«New information systems and technologies», JSC*, Moscow, Russia.  
Information technologies: software development and integration  
Responsibilities:
- Design and development «Social Insurance» information system, which is used by Fund of Social Insurance (FSI) — big government structure of Russian Federation, as lead developer.
  - Design and development FSI internet portal as lead OLAP-developer and software architect of application for delivery financial statements from insurants to FSI.

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## Computer Skills

OS Linux (RedHat-based), Windows, FreeBSD

Languages	PHP, Java, SQL, C, Delphi
DBMS	MySQL, PostgreSQL, MongoDB, HyTech, Oracle, DB2
Version Control	Subversion, Git
Project Management	Redmine, MediaWiki
Numerical Computing	Octave, Scilab
Markup	LaTeX, HTML, CSS

## Personal Skills

- Full cycle software development experience — business analysis, design, development, deploy and user training.
- Design software with systematic approach.
- Development with free software to minimize total cost of development.
- Thoroughness with documents, records and acts.
- Business relations and negotiations with customers (including government and military).
- Preparation of reports, speeches and presentations to an audience, participation in conferences and seminars as a speaker.
- Excellent oral and written Russian language.
- Continuous professional development, lifelong learn.
- Organized, punctual, non-conflict nature.

## Languages

Russian	Native speaker
English	Reading technical and mathematical papers and books — free, speaking and writing — Intermediate